



1637/FFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.: DC0258US.NP

Inventors: Supattapone and Deleault

Serial No.: 10/553,591

Filing Date: Not Yet Assigned

Examiner: Not Yet Assigned

Customer No.: 26259

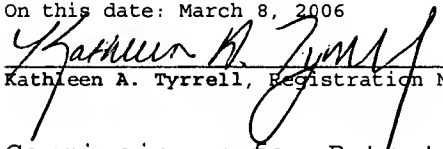
Group Art Unit: Not Yet Assigned

Confirmation No.: Not Yet Assigned

Title: Compositions and Methods for Enhancing  
the Identification of Prion Protein  
PRP<sup>sc</sup>

I, Kathleen A. Tyrrell, Registration No. 38,350,  
certify that this correspondence is being deposited  
with the U.S. Postal Service as First Class mail in  
an envelope addressed to the Commissioner for Patents  
P.O. Box 1450, Alexandria, VA 22313-1450

On this date: March 8, 2006

  
Kathleen A. Tyrrell, Registration No. 38,350

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56(b).

- (XX) In accordance with §1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, or before the mailing date of a first Office Action on the merits of the above-identified application, no additional fee is required.
- ( ) In accordance with §1.97(c), this Information Disclosure Statement is being filed after the period set forth in §1.97(b) above but before the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311, therefore;
- ( ) Certification in Accordance with §1.97(e) is attached hereto; or
- ( ) Authorization to charge Deposit Account No. 50-1619 the fee of \$180.00 as set forth in §1.17(p) is provided.
- ( ) In accordance with §1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311 but before the payment of the Issue Fee, therefore included are: Certification in Accordance with §1.97(e); Petition Requesting Consideration of the Information Disclosure Statement; and the fee of \$130.00 as set forth in §1.17(I) (1).
- (XX) Copies of each of the references listed on the attached Form PTO-1449 (modified) are enclosed herewith.

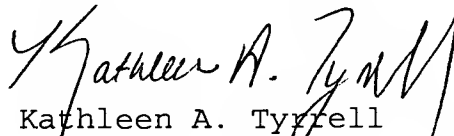
( ) In accordance with §1.98(d), copies of some or all of the references listed on the attached Form PTO-1449 (modified) are not enclosed herewith because they were previously submitted to the U.S. Patent and Trademark Office in prior application Serial No. \_\_\_\_\_, filed \_\_\_\_\_, for which a claim for priority under 35 U.S.C. §120 has been made in the instant application.

Please charge any deficiency or credit any overpayment to Deposit Account No. 50-1619. This form is submitted in duplicate.

( ) The relevance of the listed references in a foreign language is as stated in the specification at pages @@.

(XX) All listed references are in the English language.

Respectfully submitted,



Kathleen A. Tyrrell  
Registration No. 38,350

Date: March 8, 2006

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<b>Form PTO-1449 Modified</b>  List of Patents and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce		Docket No. <b>DC0258US.NP</b>	Serial No. <b>10/553,591</b>
		Applicant <b>Supattapone and Deleault</b>	
		Filing Date <b>Not Yet Assigned</b>	Group <b>Not Yet Assigned</b>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
	AA	Bessen et al., "Non-genetic propagation of strain-specific properties of scrapie prion protein", Nature 1995 375:698-700	
	AB	Brimacombe et al., "Characterization and polyanion-binding properties of purified recombinant prion protein", Biochem. J. 1999 342:605-613	
	AC	Caughey, B., "Formation of Protease-Resistant Prion Protein in Cell-Free Systems", Curr. Issues Mol. Biol. 2000 2(3):95-101	
	AD	Cordeiro et al., "DNA Converts Cellular Prion Protein into the $\beta$ -Sheet Conformation and Inhibits Prion Peptide Aggregation", J. Biol. Chem. 2001 276(52):49400-49409	
	AE	Derrington et al., "PrP <sup>C</sup> has nucleic acid chaperoning properties similar to the nucleocapsid protein of HIV-1", C.R. Biologies 2002 325:17-23	
	AF	Gabus et al., "The Prion Protein Has RNA Binding and Chaperoning Properties Characteristic of Nucleocapsid Protein NCp7 of HIV-1", J. Biol. Chem. 2001 276(22):19301-19309	
	AG	Gabus et al., "The Prion Protein has DNA Strand Transfer Properties Similar to Retroviral Nucleocapsid Protein", J. Mol. Biol. 2001 307:1011-1021	
	AH	Horiuchi et al., "Specific binding of normal prion protein to the scrapie form via a localized domain initiates its conversion to the protease-resistant state", The EMBO Journal 1999 18(12):3193-3203	
	AI	Horiuchi et al., "Prion protein interconversions and the transmissible spongiform encephalopathies", Structure 1999 7(10):R231-R240	
<b>EXAMINER</b>		<b>DATE CONSIDERED</b>	

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		Filing Date <b>Not Yet Assigned</b>	Group <b>Not Yet Assigned</b>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
	AJ	Kocisko et al., "Species specificity in the cell-free conversion of prion protein to protease-resistant forms:A model for the scrapie species barrier", Proc. Natl. Acad. Sci. USA 1995 92:3923-3927	
	AK	Kocisko et al., "Cell-free formation of protease-resistant prion protein", Nature 1994 370:471-474	
	AL	Moscardini et al., "Functional Interactions of Nucleocapsid Protein of Feline Immunodeficiency Virus and Cellular Prion Protein with the Viral RNA", J. Mol. Biol. 2002 318:149-159	
	AM	Nandi et al., "DNA-induced Partial Unfolding of Prion Protein Leads to its Polymerisation to Amyloid", J. Mol. Biol. 2002 322:153-161	
	AN	Nandi et al., "Unusual Property of Prion Protein Unfolding in Neutral Salt Solution", Biochemistry 2002 41:11017-11024	
	AO	Proske et al., "Prion-Protein-Specific Aptamer Reduces PrP <sup>Sc</sup> Formation", ChemBioChem 2002 3:717-725	
	AP	Saborío et al., "Cell-Lysate Conversion of Prion Protein into Its Protease-Resistant Isoform Suggests the Participation of a Cellular Chaperone", Biochemical and Biophysical Research Communications 1999 258:470-475	
	AQ	Weiss et al., "RNA Aptamers Specifically Interact with the Prion Protein PrP", Journal of Virology 1997 71(11):8790-8797	
	AR	Zeiler et al., "Concentration and removal of prion proteins from biological solutions", Biotechnol. Appl. Biochem. 2003 37:137-182	
<b>EXAMINER</b>		<b>DATE CONSIDERED</b>	